

The invention relates to the field of sports aviation, namely to unhooked parachute localization systems.

The unhooked parachute localization system contains a radio buoy located in a D-ring ball of the auxiliary parachute, an automatic parachute unhooking indication device, fixed on the inside of the parachute backpack straps under the unhooking pillow of the unhooking device, and an unhooked parachute localization device connected to a small-sized portable personal computer, equipped with a GPS-receiver.

The radio buoy device contains a GPS-receiver (3) with a GPS antenna (4), connected to a microcontroller (11), which is connected to a power supply controller (12), connected to a storage battery (13), it also contains an analog-digital converter (16), a volatile memory (10), a USB interface (6), a start button (5), a real-time timer (14) and a digital ISM transceiver (15) with a nondirectional ISM antenna (17).

The automatic parachute unhooking indication device contains a start button, a magnetic transducer, a microcontroller, to which are connected a volatile memory, a USB interface, a real-time timer, an analog-digital converter, a digital ISM transceiver with a nondirectional ISM antenna and a power supply controller connected to a storage battery.

The unhooked parachute localization device contains a power supply controller, to which is connected a microcontroller, to which are connected a USB interface and a digital ISM transceiver with a directional ISM antenna.

Claims: 1

Fig.: 7

